

EXISTING SIGNS

18a, 18b, 21a, 21b
D3-2
(DUAL-FACED)
Walters Lane

17, 19, 20
LEFT
TURN
SIGNAL
R10-10
30"x36"

22
ONLY
R3-5(L)
24"x30"

23
M3-2
24"x12"
M1-5
24"x24"
M6-1
21"x15"
ASSOCIATED
SHIELD
ASSEMBLY
24"x51"

24
M3-4
30"x15"
M1-5
36"x36"
M6-1
30"x24"
ASSOCIATED
SHIELD
ASSEMBLY
36"x75"

25
M3-4
24"x12"
M1-5
24"x24"
M6-1
21"x15"
ASSOCIATED
SHIELD
ASSEMBLY
24"x51"

26
M3-2
24"x12"
M1-5
36"x36"
M6-1
30"x24"
ASSOCIATED
SHIELD
ASSEMBLY
36"x75"

PROPOSED SIGNS

27, 29
W11-2
FYG
36"x36"
W16-7R
FYG
30"x18"

28, 30
W11-2
FYG
36"x36"
W16-7L
FYG
30"x18"

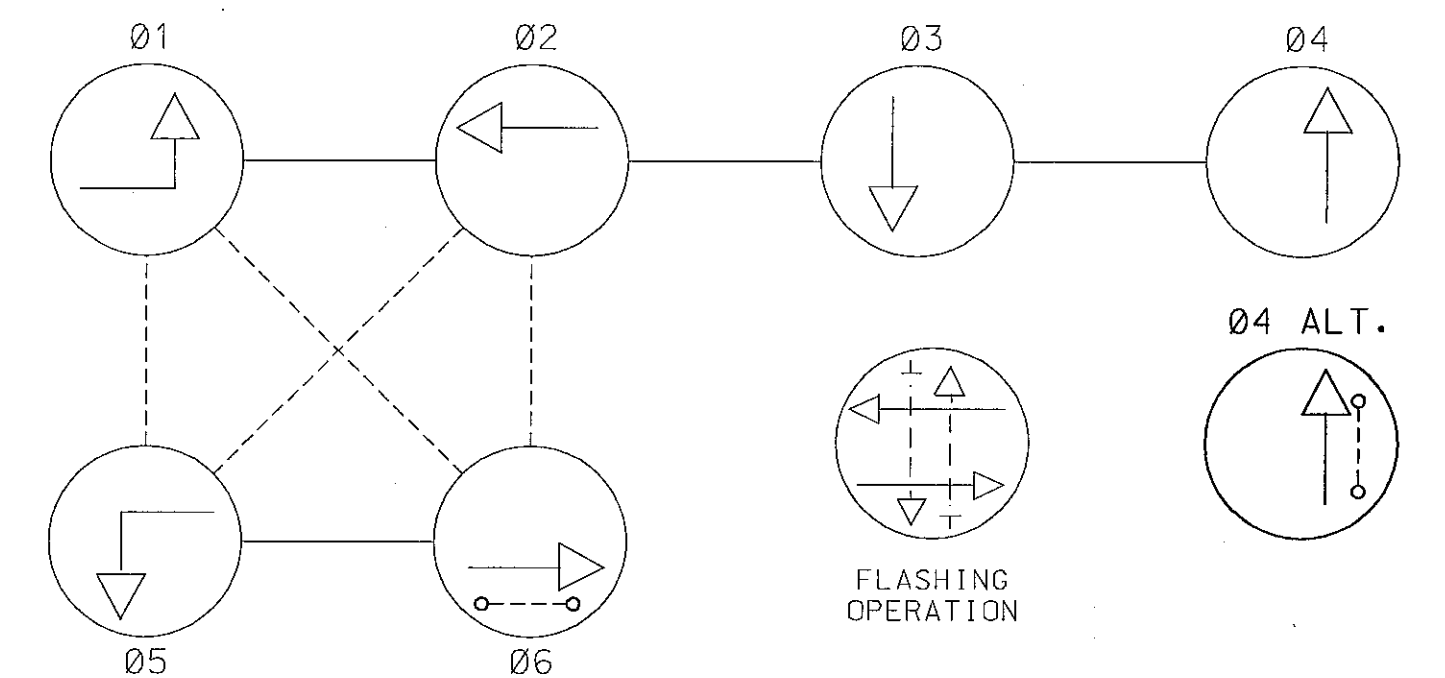
EXISTING SIGNALS

1, 2, 5, 6
3, 4, 7, 8, 10, 12
9, 11
12"
12"
12"

PROPOSED SIGNALS

13, 14, 15, 16
12"

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

MD 4 (PENNSYLVANIA AVE)

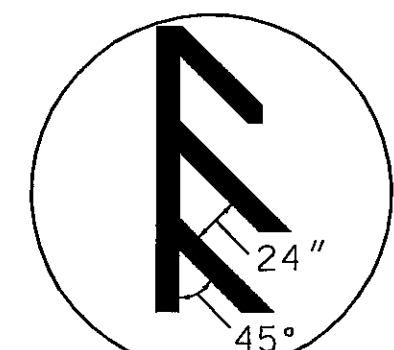
GRAVEL SHOULDER

GRASS MEDIAN

GRAVEL SHOULDER

CONSTRUCTION DETAILS

- INSTALL 10' PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND AND 4-1"x40" ANCHOR BOLTS).
- REMOVE EXISTING CONCRETE SIDEWALK, INSTALL 10' PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD. (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND AND 4-1"x40" ANCHOR BOLTS.)
- REMOVE EXISTING CONCRETE SIDEWALK, INSTALL 10' PEDESTAL POLE, TWO-WAY PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND AND 4-1"x40" ANCHOR BOLTS).
- INSTALL HANDHOLE
- INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- INSTALL 12" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS (CROSSWALK).
- INSTALL 4" CONCRETE SIDEWALK
- REMOVE EXISTING SIDEWALK RAMP, SIDEWALK AND CURB THEN INSTALL 4" CONCRETE SIDEWALK, CURB AND ADA COMPLIANT SIDEWALK RAMP (STANDARD NO. MD 655.11, TYPE 2).
- REMOVE EXISTING TRAFFIC BARRIER W BEAM
- INSTALL TRAFFIC BARRIER W BEAM
- INSTALL TYPE B TRAFFIC BARRIER END TREATMENT (STANDARD NO. MD 605.02)
- INSTALL TYPE I OPTION 2 TRAFFIC BARRIER END TREATMENT (STANDARD NO. MD 605.10)
- REMOVE AND REPLACE EXISTING HOME RUN CABLES
- INSTALL GROUND MOUNTED SIGNS ON 4"x4" WOOD POSTS.
- REMOVE EXISTING PAVEMENT MARKINGS - ANY WIDTH



CROSSWALK DETAIL

UTILITY LEGEND

— G — G — GAS MAIN
— W — W — WATER MAIN
— S — S — SEWER MAIN
— E — E — ELECTRIC CABLES
— A — A — AERIAL CABLES
— T — T — TELEPHONE CABLES

ALIGN EDGE OF CONCRETE
WITH THE OUTSIDE EDGE OF
THE EXISTING CROSSWALK

TRAIL END OF TRAFFIC BARRIER
W BEAM SHALL BE LOCATED AS
NEAR AS POSSIBLE TO THE EDGE
OF PROPOSED CONCRETE SIDEWALK

MD4 (PENNSYLVANIA AVE)

TO DONNELL DRIVE

PEPCO
830368
8637

GENERAL NOTES

THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL EXISTING GEOMETRICS PRIOR TO INSTALLING ANY SIGNAL EQUIPMENT.

ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR AS PER MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.

CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

THE GUY WIRE RELOCATION SHALL BE PERFORMED BY VERIZON FORCES. IN THE EVENT THAT GUY WIRES LOCATED IN THE SOUTHEAST CORNER ISLAND ARE IN CONFLICT WITH THE PEDESTRIAN MOVEMENT(S) THE CONTRACTOR SHALL NOTIFY THE DISTRICT UTILITY ENGINEER AT (301) 513-7350 IMMEDIATELY.

REVISIONS

© ADD PEDESTRIAN SIGNALS 9-2-2002
ACROSS EAST AND SOUTH LEGS MINOR MODS.
S.H.A. NO.: XX1065285
SMH (M) 10-11-2002
C MODIFY SIGNAL EQUIPMENT DUE TO
MINOR GEOMETRIC WORK
S.H.A. NO.: BW534MB2
RRZ MAR DAZ BRK
B MODIFY SIGNAL FOR NEW GEOMETRICS
S.H.A. NO.: BW-500-802-312
EMM SR DAZ ETP TH
A RE-CUT LOOPS, MINOR MOD, CONTRACT
S.H.A. NO.: AW-680-501-085
AAL

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY



RUMMEL, KLEPPER
& KAHL, LLP

CONSULTING ENGINEERS

81 MOSHER STREET
BALTIMORE, MARYLAND 21217

TELE: (410) 728-2900 FAX: (410) 728-3160



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 4 (PENNSYLVANIA AVENUE) AND WALTERS LANE
FORESTVILLE, MARYLAND

DRAWN BY: MATTHAI
CHECKED BY: H. KILIAN, JR.
SCALE: 1" = 20'
DATE: 6-26-73

F.A.P. NO.
S.H.A. NO.
COUNTY:
LOG MILE:

T-8006 (25)
9680
PRINCE GEORGE'S
16000410.87

TS NO.
9680
T.I.M.S. NO.
F239

SHEET NO.
1 OF 2